## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/21371

			PC1/0304/213/1	
IPC(7)	SIFICATION OF SUBJECT MATTER : . G08B 13/08			
US CL	: 340/546,545.4,545.5,566,539.1,692,522,524,6	93.5; 310	0/311; 348/155	
B. FIELE	International Patent Classification (IPC) or to both most SEARCHED	ational cl	assification and IPC	
Minimum doc	numentation reprohed (alessification eveter fellows 1)		Ot	
U.S. : 34	cumentation searched (classification system followed \$40/546,545.4,545.5,566,539.1,692,522,524,693.5; 3	by classii 10/311; 3	dication symbols) 348/155	
Documentation	on searched other than minimum documentation to the	extent th	hat such documents are included	in the fields searched
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Electronic da	ta base consulted during the international search (nam	ne of data	a base and, where practicable, so	earch terms used)
C. DOCI	JMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	propriate	e, of the relevant passages	Relevant to claim No.
X	US 4,337,462 A (LEMELSON) 29 June 1982, see t	he Abstr	act, Figs. 1-3 and col. 2, line	1,14,67
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х 	US 5,317,305 A (CAMPMAN) 31 May 1994, see the 7, line 46 to col. 9, line 2.	he Abstra	act, Figs. 6B and 12, and col.	55,57-59,66
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x	US 5,811,910 A (CAMERON et al) 22 September 1	1998, see	the Abstract, Figs. 1-4B, and	55-56,65
Y	col. 2, line 1 to col. 3, line 26.			4
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	r documents are listed in the continuation of Box C.		See patent family annex.	
, s	Special categories of cited documents:	"T"	later document published after the in	ternational filing date or
"A" document be of par	at defining the general state of the art which is not considered to rticular relevance		priority date and not in conflict with understand the principle or theory u	nderlying the invention
"B" earlier a	pplication or patent published on or after the international filing	"X"	document of particular relevance; the considered novel or cannot be consi- step when the document is taken alo	dered to involve an inventive
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed inventor considered to involve an inventive step when the documents, seemed with one or more other such documents, seemed as pecified)		tep when the document is ch documents, such		
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"P" documer	nt published prior to the international filing date but later than the	"&"	document member of the same paten	t family
Date of the actual completion of the international search		Date of mailing of the international search report  12 JAN 2005  Authorized officer  Thomas J. Mullen, Jr.  Telephone No. 571-272-2600		
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## INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/21371

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	US 5,001,461 A (VROOM et al) 19 March 1991, see the Abstract, Figs. 4-5, and col. 2, line 28 to col. 3, line 41.	36
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X	US 6,052,052 A (DELMONACO) 18 April 2000, see the Abstract, Figs. 1-2b, col. 2, line 42, and col. 3, line 65 to col. 5, line 35.	38